

# 7/a



<110> van Ommen, Garrit J.B.  
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Bakker, Egbert  
Devilee, Peter

<120> A diagnostic test kit for determining a predisposition  
for breast and ovarian cancer, materials and methods  
for such determination

<130> P22163CA00

<140> US 09/445,174

<141> 2000-04-24

<150> PCT/NL98/00325

<151> 1998-06-03

<150> EP 97201700.8

<151> 1997-06-04

<160> 23

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer forward  
for D17S1322

<400> 1

ctagcctggg caacaaacga  
20

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer reverse  
for D17S1322

<400> 2

gcaggaagca ggaatggaac  
20

<210> 3

<211> 21

<212> DNA

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward  
for D17S855

<400> 3  
ggatggcctt ttagaaagtg g  
21

<210> 4  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse  
for D17S855

<400> 4  
acacagactt gtcctactgc  
20

<210> 5  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward  
for D17S1323

<400> 5  
taggagatgg attattggtg  
20

<210> 6  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse  
for D17S1323

<400> 6  
aagcaacttt gcaatgagtg  
20

<210> 7  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward  
for first PCR

<400> 7  
tcacagtgcg gtgaattgga ag  
22

<210> 8  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse  
for first PCR

<400> 8  
gtagccagga cagtagaagg actg  
24

<210> 9  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward  
for second PCR

<400> 9  
gaagaaagag gaacgggctt gg  
22

<210> 10  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse  
for second PCR

<400> 10  
ggccactttg taagtcatt c  
21

<210> 11  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer forward

<400> 11  
aaccaccaag gtccaaagc  
19

<210> 12  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse

<400> 12  
gtagccagga cagtagaagg actg  
24

<210> 13  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse

<400> 13  
tacgtgggtt caactgaagc  
20

<210> 14  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward

<400> 14  
tcccattgag aggtcttgct  
20

<210> 15  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse

<400> 15  
actgtgctac tcaagcacca  
20

<210> 16  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward

<400> 16  
gaaaaaaaaag tacaaccaa tgcc  
24

<210> 17  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse

<400> 17  
agcccacttc attagtactg gaac  
24

<210> 18  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer forward

<400> 18  
taccctataa gccagaatcc agaa  
24

<210> 19  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer reverse

<400> 19  
ggccactttg taagctcatt c  
21

<210> 20  
<211> 720  
<212> DNA

<213> Homo sapiens

<220>

<223> /note="Exon 22 of BRCA1 and its flanking intron sequences, pos. 79441-80160"

<400> 20

agaggtcttg ctataagcct tcatccggag agtgtagggt agagggcctg ggttaagtat  
60  
gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg  
120  
tacagctgtg tgggtgcttct gtgggtgaagg agctttcatc attcaccctt ggcacagtaa  
180  
gtattgggtg ccctgtcaga gagggaggac acaatattct ctctgtgag caagactggc  
240  
acctgtcagt ccctatggat gcccctactg tagcctcaga agtcttctct gccacatac  
300  
ctgtgccaaa agactccatc tgtaagggtat gggtaaggat ttgagaactg cacatattaa  
360  
atatactgag ggaagacttt ttccctctaa ctctttttcc catatgtccc tccccctcct  
420  
ctctgtgact gcccagcat actgtgtttc aacaaatcat caagaaatga tgggctggag  
480  
gctgggcatg gtggctcatg tctgtaatcc cagcactttg ggaggccgag gcagggtggat  
540  
cacttgtcag gagtttgaga ccagcctggc caacatgggtg aaaccccatc tgtactaaaa  
600  
aaaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcca gctatttggg  
660  
aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaagattg  
720

<210> 21

<211> 180

<212> DNA

<213> Homo sapiens

<220>

<223> /note="Intronic region flanking exon 12, pos.  
44423 - 44600"

<400> 21

cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtgnngt caggagatcc  
60  
agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagctg  
120  
ggcatgggtg cgggcgcctg taatcccagc tactcaggag gctgaagcag aagaatggct  
180

<210> 22

<211> 180

<212> DNA

<213> Homo sapiens

<220>

<223> /note="Intronic region flanking exon 13, pos.  
48256 - 48436"

<400> 22  
cctgtaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgggagctcg  
60  
agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg  
120  
ggcgtggtgg cacatgcctg taatcccagc tacttgggag ctacggtgcc tggcctagtt  
180

<210> 23  
<211> 60  
<212> DNA  
<213> Homo sapiens

<220>  
<223> /note="Deletion-function fragment"

<400> 23  
agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg  
60